

# Q10 Installation Sheet

**Einbauhinweise**
**Consiglio d'installazione**
**Conseils d'installation**
取扱説明書
**Folleto de instalación**

| TYPE | DESCRIPTION | BESCHREIBUNG | DESCRIZIONE | DESCRIPTION | 検出距離・モード | DESCRIPCIÓN | |
|---|---|---|---|---|---|---|---|
| Q10AP6D<br>Q10AP6DQ<br>Q10RP6D<br>Q10RP6DQ<br>Q10AN6D<br>Q10AN6DQ<br>Q10RN6D<br>Q10RN6DQ | 0.5 m Diffuse | 0,5 m Reflexionslichttaster | 0,5 m A diffusione | 0,5 m Diffus | 0.5m 拡散反射形 | 0,5 m Palpación directa |  |
| Q106E<br>Q10AP6R<br>Q10RP6R<br>Q10AN6R<br>Q10RN6R<br>Q106EQ<br>Q10AP6RQ<br>Q10RP6RQ<br>Q10AN6RQ<br>Q10RN6RQ | 1.8 m Opposed emitter<br>Opposed receiver | 1,8 m Einweglichtschranke Sender<br>Einweglichtschranke Empfänger | 1,8 m Barriera emettitori<br>Barriera ricevitori | 1,8 m Barrière émetteur<br>Barrière récepteur | 1,8m 透過形 投光器<br>透過形 受光器 | 1,8 m Barrera emisor<br>Barrera receptor |  |

| SPECIFICATION | CHARAKTERISTIKEN | SPECIFICHE | CARACTÉRISTIQUES | 仕様 | CARACTERÍSTICAS | |
|---|---|---|---|---|---|---|
| Supply Voltage | Betriebsspannung | Tensione di alimentazione | Tension d'alimentation | 電源電圧 | Tensión de alimentación | 10...30 VDC |
| Load Current (max.) | Bemessungsbetriebsstrom | Corrente a carico continuo | Courant de charge | 負荷電流 | Corriente de carga continua | 150 mA Diffuse<br>75 mA Opposed |
| Enclosure | Schutzart | Classe di protezione | Mode de protection | 保護構造 | Tipo de protección | IP54 (NEMA 5) |
| Circuit Protection* | Schutzschaltungen | Protezione | Protection | 保護回路 | Protección | A+B * |
| Temperature Rating | Zul. Umgebungstemperatur | Temperature di funzionamento | Température ambiante admissible | 使用周囲温度範囲 | Intervalo de temperatura | -40 °C...+70 °C (−40 °F to +158 °F) |
| *Reverse Polarity (A)<br>*Short Circuit (B) | *Verpolschutz (A)<br>*Kurzschlussschutz (B) | *Inversione di polarità (A)<br>*Cortocircuito (B) | *Inversion de polarité (A)<br>*Courts-circuits (B) | * 逆配 (A)<br>* 短絡 (B) | *Inversión de polaridad (A)<br>*Cortocircuitos (B) | |

| PACKING LIST | LIEFERUMFANG | PACKING LIST | LIVRAISON | 同梱品リスト | ALBARAN |
|---|---|---|---|---|---|
| Sensor | Sensor | Sensore | Détecteur | センサ | Sensor |
| Q10 Accessories Kit | Q10 Zubehör-Set | Q10 Kit accessori | Q10 Kit d'accessoires | Q10 アクセサリキット | Q10 Kit accessorios |
| Datasheet | Datenblatt | Data sheet | Notice technique | データシート | Hoja de caracteristicas |

### ⚠ WARNING

**Not To Be Used for Personnel Protection**
**Never use this device as a sensing device for personnel protection. Doing so could lead to serious injury or death.** This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

### ⚠ WARNUNG

**Darf nicht für den Personenschutz verwendet werden**
**Dieses Gerät darf nicht als Sensor zum Personenschutz eingesetzt werden. Eine Nichtbeachtung kann schwere Verletzungen oder Tod zur Folge haben.** Dieses Gerät verfügt nicht über die selbstüberwachenden redundanten Schaltungen, die für Personenschutz-Anwendungen erforderlich sind. Ein Sensorausfall oder Defekt kann zu unvorhersehbarem Schaltverhalten des Ausgangs führen.

### ⚠ AVVERTENZA

**Non usare per la protezione del personale**
**Non usare questo dispositivo come dispositivo di rilevamento per la protezione del personale. Il mancato rispetto di questo requisito può comportare gravi lesioni fisiche o morte.** Questo dispositivo non è dotato dei circuiti di autodiagnostica ridondanti necessari per permetterne l'uso in applicazioni di sicurezza del personale. Pertanto, guasti o cattivi funzionamenti del sensore possono provocare variazioni del segnale in uscita.

### ⚠ AVERTISSEMENT

**A ne pas utiliser en guise de protection individuelle**
**Ce produit ne doit pas être utilisé en tant que système de détection destiné à la protection individuelle. Une utilisation dans de telles conditions pourrait entraîner des dommages corporels graves, voire mortels.** Ce produit n'est pas équipé du circuit redondant d'autodiagnostic nécessaire pour être utilisé dans des applications de protection personnelle. Une panne du capteur ou un mauvais fonctionnement peut entraîner l'activation ou la désactivation de la sortie.

### ⚠ 警告

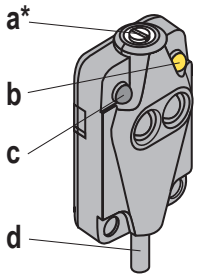
人身防護用に使用しないでください
本製品を人身保護用の検出装置として使用しないでください。重大なけがや死亡事故に繋がる危険があります。本製品は、安全関連のアプリケーションに使用する上で最低限必要な二重化回路と自己診断機能を内蔵しておりません。本製品の故障または誤動作により、出力がONになる場合とOFFになる場合のどちらの場合もあります。

### ⚠ ADVERTENCIA

**No se debe utilizar como protección personal**
**No utilice nunca este dispositivo como dispositivo de detección con fines de protección personal. De ser así, podrían producirse lesiones graves o incluso la muerte.**
Este dispositivo no incluye los circuitos redundantes de autocontrol necesarios para permitir su uso en aplicaciones de seguridad personal. Un error de funcionamiento o un fallo del sensor pueden provocar una situación de salida del sensor con corriente o sin corriente.

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7 May 2025
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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

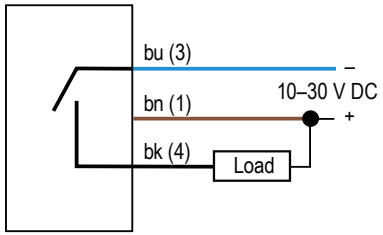



| | | | | | | |
|---|---|---|---|---|---|---|
| **a*** | Sensitivity adjustment<br>*Except for FOP-... and N010-... | Empfindlichkeitseinstellung<br>*Nicht für FOP-... und N010-... | Sensibilità regolabile<br>*Non valido per FOP-... ne per N010-... | Réglage de sensibilité<br>*Sauf pour FOP-... et N010-... | 感度調整ボリュ ー ム<br>*FOP−...とN010−...を除く | Calibración de sensibilidad<br>*No para FOP-... y N010-... |
| **b** | Yellow LED – ouput on<br>Flashing - low gain | gelbe LED - Ausgangsanzeige | LED giallo - indicazione dell'uscita | LED jaune - visualisation de la sortie | 受光量表示（黄） | LED indicador amarillo - indicador de la salida |
| **c** | Green LED – power on<br>Flashing - overload | grüne LED - Betriebsspannung | LED verde - tensione di alimentazione | LED verte - tension de service | 電源表示（緑 ； 過負荷時点滅） | LED verde - alimentación |
| **d** | Cable or Quick Disconnect (QD) | Kabel oder Schnellanschluss (QD) | Cavo o connettore a sgancio rapido (QD) | Câble ou raccord QD | ケーブルまたはQDコネクタ | Cable o desconexión rápida (QD) |

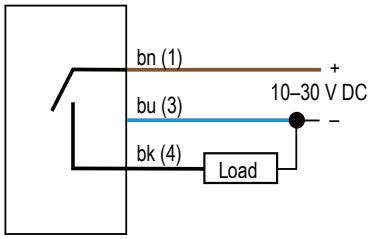
| | CONNECTIONS | ANSCHLUSS | CONNESSIONE | RACCORDEMENT | 配線 | CONEXIONES |
|---|---|---|---|---|---|---|
| **1** | Brown | braun | marrone | brun | 茶 | marrón |
| **3** | Blue | blau | blu | bleu | 青 | azul |
| **4** | Black | schwarz | nero | noir | 黒 | negro |
| **Load** | Load | Last | Carico | Charge | 負荷 | Carga |



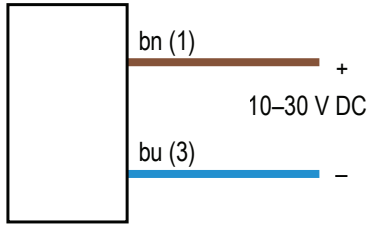

**Q10-...N6-...**



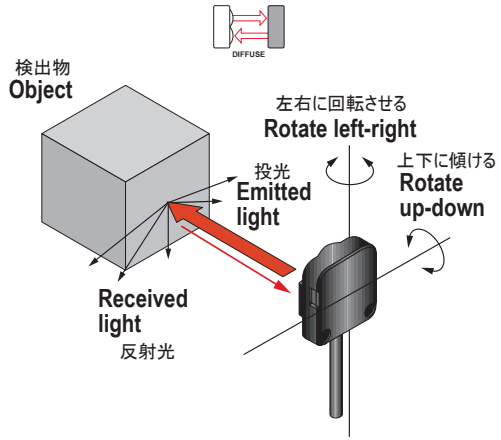

**Q10-...P6-...**

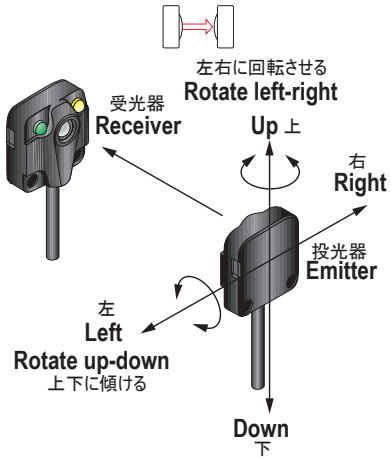



**Q106E(Q)**




# ALIGNMENT
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**ALLINEAMENTO**
**REGLAGE**
光軸調整
**ALINEACION**




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